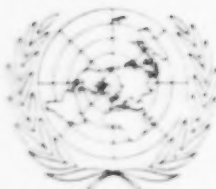


UNITED NATIONS DEVELOPMENT PROGRAMME



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(CMI/74/201)
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APPROVAL OF UNDP ASSISTANCE TO A PROJECT OF THE GOVERNMENT OF CHILE

Uranium Prospection (Phase II) (CMI/74/201)

Report of the Administrator *

Date of present approval:	June 1979
Starting date of project activities:	July 1979
Planned completion date:	June 1981
To be executed by:	International Atomic Energy Agency (IAEA)
Government implementing agency:	Chilean Atomic Energy Commission (Comisión Chilena de Energía Nuclear) (CCEN)
Estimated cost of assistance planned under present approval:	\$524 700
Source of UNDP financing:	Indicative Planning Figure (IPF)

I. Background

1. The Chilean Atomic Energy Commission through its Directorate of Nuclear Materials is actively engaged in an exploration programme for uranium resources. This programme, which has had the support of UNDP and IAEA from 1975 to June 1979 under the first phase of the project 1/ (CMI/74/205), has carried out reconnaissance surveys in seven selected regions of the country covering a total area of 105,000 square kilometres. The results of these surveys permitted the location of six zones of interest covering approximately 5,000 square kilometres which merit further detailed investigation.

2. IAEA Regular Programme financing with an estimated value of US\$223,500 is closely associated with this project.

II. Objectives and activities

3. The immediate objectives of this project are: (a) detailed investigation of the zones of interest located as a result of the first phase project (CMI/74/205) and, if justified, the carrying out of a prefeasibility study for the most favourable occurrence

(b) on-the-job training and fellowships for national professionals in techniques for systematic evaluation of structures and of defined geological zones and/or deposits;
(c) development of the infrastructure of laboratories increasing the production and methods of analysis, the capacity and application of computation systems and the production of maps and reports.

4. The main activities to be carried out in order to achieve the above objectives are: detailed aerial prospection, detailed geological and radiometric surveys, geological prospection and sampling, rotary or diamond drilling, superficial sampling, utilization of geophysical methods, evaluation and tridimensional measurement of occurrences, computer processing for geological and geochemical data, maps and aerial profiles, prefeasibility studies and introduction of new methods for chemical and radiometric analysis.

III. Inputs

5. UNDP will provide, through the Executing Agency for: the services of the project manager, one economic geologist and consultants in photo-geology, aerial prospection, geophysics, drilling and chemical analysis; subcontracts in sample analysis, computation, specialized mineralogical determination and geophysical services, geological and chemical analysis; radio-telecommunications; and aerial prospection and specialized equipment.

6. The Government will provide qualified professional and supporting staff, buildings and laboratories, the services of an aircraft and of a helicopter, as well as vehicles, prospecting and laboratory equipment.

IV. Financial data

7. The expenditure components of the planned assistance are as follows:

Personnel	357 300
Subcontracts	25 000
Training	21 400
Equipment	103 000
Miscellaneous	18 000
	<u>524 700</u>

8. The estimated total value, expressed in US dollars, of inputs provided directly by the Government to the project is \$1,737,400 in kind.